

SPEED CHART AND GRAPH FOR SHOPSMITH MK V WITH BELT LENGTHS 30" THRU 25.5"				
BELT PITCH LENGTH	PD MOTOR	PD IDLER	DIAL	RPM
30	4.80	5.06	SLOW	2045
	4.83	5.03	C	2071
	4.87	5.00	F	2099
	4.90	4.97	I	2127
	4.93	4.93	L	2156
	4.97	4.90	O	2186
	5.00	4.87	R	2215
	5.03	4.83	U	2245
	5.06	4.80	FAST	2273
29	4.15	5.06	SLOW	1770
	4.27	4.95	C	1859
	4.38	4.79	F	1972
	4.48	4.70	I	2054
	4.62	4.62	L	2156
	4.70	4.48	O	2263
	4.79	4.38	R	2358
	4.95	4.27	U	2501
	5.06	4.15	FAST	2627
28	3.48	5.06	SLOW	1483
	3.68	4.88	C	1628
	3.88	4.65	F	1802
	4.07	4.48	I	1962
	4.30	4.30	L	2156
	4.48	4.07	O	2370
	4.65	3.88	R	2580
	4.88	3.68	U	2856
	5.06	3.48	FAST	3136
27	2.78	5.06	SLOW	1186
	3.08	4.81	C	1382
	3.38	4.50	F	1617
	3.66	4.25	I	1854
	3.98	3.98	L	2156
	4.25	3.66	O	2507
	4.50	3.38	R	2876
	4.81	3.08	U	3364
	5.06	2.78	FAST	3919
26	2.06	5.06	SLOW	879
	2.46	4.74	C	1119
	2.86	4.36	F	1411
	3.23	4.04	I	1727
	3.66	3.66	L	2156
	4.04	3.23	O	2692
	4.36	2.86	R	3296
	4.74	2.46	U	4155
	5.06	2.06	FAST	5289
25.75	1.88	5.06	SLOW	801
	2.30	4.73	C	1051
	2.72	4.32	F	1359
	3.12	3.98	I	1693
	3.58	3.58	L	2156
	3.98	3.12	O	2746
	4.32	2.72	R	3422
	4.73	2.30	U	4424
	5.06	1.88	FAST	5807
25.5	1.69	5.06	SLOW	721
	2.15	4.71	C	982
	2.59	4.27	F	1305
	3.01	3.92	I	1657
	3.50	3.50	L	2156
	3.92	3.01	O	2805
	4.27	2.59	R	3562
	4.71	2.15	U	4737
	5.06	1.69	FAST	6444

